

FOR IMMEDIATE RELEASE  
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**MTEC PARTNERSHIP WITH U.S. ARMY WILL SUPPORT  
RESEARCH ON WOUND CARE AND REGENERATIVE MEDICINE**

**Summerville, SC** – In partnership with the U.S. Army Medical Research and Materiel Command (USAMRMC), the Medical Technology Enterprise Consortium (MTEC) is pleased to announce five selectees for the research project awards issued under its Request of Project Proposals for Prototype Acceleration. These projects cross a number of MTEC technology areas, representing the broad span of membership capabilities.

The Prototype Acceleration Award mechanism focuses on advancing novel prototype technologies into the next major stage of development. A current focus area for the Prototype Acceleration effort is point-of-injury wound care, including platforms for the delivery of anti-infectives, anti-infective therapies, and therapies to fight antimicrobial resistance. Projects related to regenerative medicine, including therapies for muscle regeneration and new platforms for regenerative medicine (such as bone regeneration and grafting and autologous skin regeneration), are also an area of interest.

The following projects were selected by the USAMRMC to receive funding as indicated:

**Prevention of Pneumonia in a Ferret Model of the Damaged Lung**

- Pulmotect, Inc. (Houston, Texas) – \$291,462

**Natural Polymer Microbead and Electrospun Mesh Technologies for the Sustained Release of Regenerative Growth Factors for the Treatment of Burns and Ischemic Wounds**

- SpherIngenics Inc. (Richmond, Virginia) – \$341,281

**Manufacturing of a Negative Pressure Wound Therapy Dressing for Hand Wounds: ReHeal Glove**

- The University of Texas at Arlington (Arlington, Texas) – \$227,477

**Intelligently Engineered Skin for the Treatment of Severe Burns**

- Upside Biotechnologies, Ltd. (Auckland, New Zealand) – \$1,270,000

**Pre-Clinical Assessment of Bioprinted Human Skin for Wound Healing and Skin Regeneration**

- Wake Forest University Health Sciences (Winston Salem, North Carolina) – \$449,999

A sixth award is anticipated shortly.

The project teams funded through these awards will focus their activities on the clinical, prototyping, and manufacturing needs that will allow them to advance novel wound care therapies and/or new platforms for regenerative medicine.



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“I am thrilled that MTEC is able to help these consortium members further their prototype development and research,” said General Lester Martinez, MD, MPH, Major General (Retired), U.S. Army, President and Chairman of MTEC Board. “These wound care and regenerative medicine technologies are critical to the well-being and recovery of our warfighters. We are pleased that MTEC’s membership is able to contribute to developing these important capabilities.”

The overarching goal of the Prototype Acceleration program is to provide prototype technologies in critical need areas that eventually result in transition of these medical solutions to industry.

*MTEC is a biomedical technology consortium collaborating with multiple government agencies under a 10-year renewable Other Transaction Agreement with the U.S. Army Medical Research and Materiel Command. To find out more about MTEC, visit <http://www.mtec-sc.org>.*

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